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| Application Number:                  | 10550465   |  |  |  |
| International Application Number:    |  |  |  |  |
| Confirmation Number:                 | 1924   |  |  |  |
| Title of Invention:                  | Tungsten-based electrocatalyst and fuel cell containing same |  |  |  |
| First Named Inventor/Applicant Name: | Joel B. Christian  |  |  |  |
| Customer Number:                     | 24252  |  |  |  |
| Filer:                               | Robert Francis Clark   |  |  |  |
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| Submitted with Payment | no |
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# File Listing:

| Document<br>Number | Document Description                           | File Name        | File Size(Bytes)<br>/Message Digest          | Multi<br>Part /.zip | Pages<br>(if appl.) |
|--------------------|--|------------------|--|---------------------|---------------------|
| 1                  | 1 Information Disclosure Statement (IDS) Filed | IDS_10_12_07.pdf | 28269  | no                  | 2                   |
| '                  |  |                  | 0868b58074980054758b770d041b096<br>5cfccf11e |                     |                     |
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| 2                                     | NPL Documents                | Claridge_et_al_1998.pdf      | 1229551                                      | no  | 16 |
|                                       |                              | Glandge_et_al_1990.pdf       | fbccd361d29398cf08fc54fe4f5970ca59<br>9c4d18 |     |    |
| Warnings:                             |                              |                              |  |     |    |
| Information:                          |                              |                              |  |     |    |
| 3                                     | NPL Documents                | Vorrhies_1972.pdf            | 428388                                       | no  | 4  |
|                                       |                              | _ '                          | a94a6c73c399af62f5a3c2ae770221c58<br>0beca21 |     |    |
| Warnings:                             |                              |                              |  |     |    |
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| 4                                     | NPL Documents                | Binder_et_al_Nature_1969.p   | 206121                                       | no  | 2  |
| , , , , , , , , , , , , , , , , , , , | THE Boodinents               | df                           | 9284df941b272014f36fb9ee05aea480a<br>476c837 | 110 |    |
| Warnings:                             |                              |                              |  |     |    |
| Information:                          |                              |                              |  |     |    |
| 5                                     | NPL Documents                | Binder_et_al_1970.pdf        | 345525                                       | no  | 9  |
|                                       | TVI E Boodinonio             | Billasi_st_ai_1070.pai       | 2c2e65f095afe6ad9f318f2ce08cccf7bc<br>68c71e | 110 |    |
| Warnings:                             |                              |                              |  |     |    |
| Information:                          |                              |                              |  |     |    |
| 6                                     | NPL Documents                | Bartha_et_al_1995.pdf        | 947799                                       | no  | 15 |
|                                       |                              |                              | acdc908f0e0850f2c93d818943103387f<br>92c4388 |     |    |
| Warnings:                             |                              |                              |  |     |    |
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| 7                                     | NPL Documents                | Ross_et_al_1977.pdf          | 1273082                                      | no  | 18 |
| ,                                     | W E Bocaments                | 11035_ct_di_1077.pdi         | f39deb93123a6532a20ef84e22799125<br>7b84ad4f | 110 |    |
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| Information:                          |                              |                              |  |     |    |
| 8                                     | NPL Documents                | Baudendistel_et_al_1972.pdf  | 229071                                       | no  | 3  |
|                                       | W E Bocaments                | Badderidister_et_al_1372.pdf | 310ccb2c57211cefe7bf0cca2a3d3663ff<br>8a1d71 |     |    |
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| Information:                          |                              |                              |  |     |    |
| 9                                     | NPL Documents                | Liu_Electronic_Structure_Pt  | 263840                                       | no  | 5  |
|                                       |                              | WO3_1982.pdf                 | 31d887f1202b1b4eac7026056a7b02e9<br>62ecf418 |     |    |
| Warnings:                             |                              |                              |  |     |    |
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| 10                     |                                  | Bockris_et_al_Electrocatalys                 | 580817                                       | no |   |
|------------------------|----------------------------------|--|--|----|---|
| 10 NPL Documents       | NFL DOCUMENTS                    | is_Na_W_bronze.pdf                           | 74d7f75e16f22441533581d745a54aeb<br>8c81c1ed | no | 6 |
| Warnings:              |                                  |  |  |    |   |
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| 11 NPL Documents       | NPL Documents                    | Kulaaza at al 1007 ndf                       | 580966                                       | no | 6 |
| 11 NPL Documents       | NI E Documents                   | Kulesza_et_al_1997.pdf                       | 63bd5bd1ded6b0057156bc9ba6ff2140<br>9a74e1c3 | no |   |
| Warnings:              |                                  |  |  |    |   |
| Information            | 1                                |  |  |    |   |
| 12 Information Disclos | Information Disclosure Statement | IDS_letter_10_12_07.pdf                      | 15122  | no | 1 |
| Letter                 | 1D3_lettel_10_12_07.pdf          | 107e8e7ac34a960ebbc99b1e0b1d507<br>9cd9f138e | 110  | '  |   |
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

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